



CLAIMS

7.

WHAT IS CLAIMED IS:

A liquid crystal display comprising: (a) a liquid crystal cell; (b) a polarizer layer; (c) an analyzer layer; 7 (d) a compensator substrate disposed between said polarizer layer and said analyzer layer; and 10 a plurality of thin-film compensator layers deposited on said compensator substrate, said thin-(e) film compensator layers including: 12 13 (1) an O-plate thin-film compensator layer, and 14 15 at least one thin-film compensator layer selected from the group consisting of (i) a (2) 16 positively birefringent O-plate compensator layer, (ii) a positively birefringent A-plate 17 compensator layer, (iii) a negatively birefringent A-plate compensator layer, and (iv) a 18 negatively birefringent C-plate compensator layer. 19

2. A monolithic compensator for a liquid crystal display, said monolithic compensator comprising: (a) a substrate;

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a plurality of thin-film compensator layers deposited on said substrate, said thin-film (b) . 5 compensator layers including at least two thin-film compensator layers selected from the group consisting of (i) a positively birefringent O-plate compensator layer, (ii) a positively birefringent A-plate compensator\layer, (iii) a negatively birefringent A-plate compensator layer, and (iv) a negatively birefringent C-plate compensator layer.

The monolithic compensator of claim 2, wherein at least one of said at least two thin-film 3. compensator layers is an O-plate.: 2

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The monolithic compensator of claim 2 wherein all of said plurality of thin-film compensator layers 4. are deposited on a specified side of the substrate.

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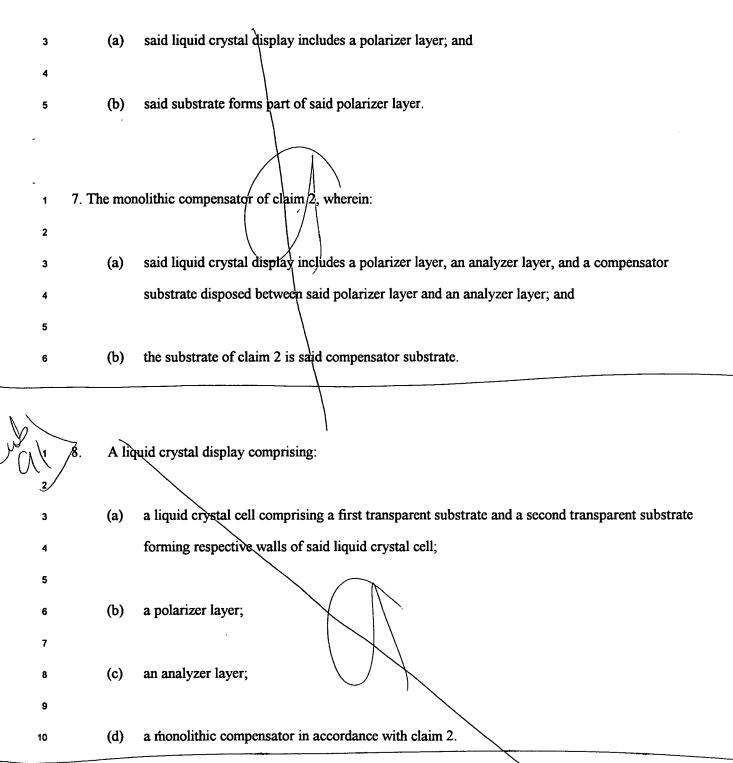
The monolithic compensator of claim 2, wherein: 5.

said liquid crystal display includes a liquid crystal cell; and (a)

(b) said substrate forms part of said liquid crystal cell.

6. The monolithic compensator of claim 2, wherein

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9. The liquid crystal display of claim 8 wherein the substrate of the monolithic compensator in accordance with claim 2 forms part of said liquid crystal cell.

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